L	Hits	Search Text	DB	Time stamp
Number				0004/66/25
55	21	(dipole) same (acoustic near radiation)	USPAT; US-PGPUB;	2004/06/27 14:40
		, 	EPO; JPO	0004/06/07
56	709	(dipole) same ("90")	USPAT;	2004/06/27
			US-PGPUB;	14:40
c 7	95	(dipole) same ("90") same radiation	EPO; JPO USPAT;	2004/06/27
57	95	(dipole) same ("90") same radiation	US-PGPUB;	14:42
			EPO; JPO	14.42
58	41	(dipole) same ("90") and radiation and	USPAT;	2004/06/27
•		speak\$3	US-PGPUB;	14:42
			EPO; JPO	
59	3	(381/89,86,80,82,302,342,387,389).ccls.and	USPAT;	2004/06/27
		(radiation same "90")	US-PGPUB;	14:54
			EPO; JPO	
60	2	(("5870484") or ("4460061")).PN.	USPAT	2004/06/27
	3.54	(700 (04) ggzg	11GD3 M	14:54
-	164	(700/94).CCLS.	USPAT	2004/05/12
	1.64	(700/04) CCIC	TICDAM.	16:02
-	164	(700/94).CCLS.	USPAT	2004/06/23 10:56
	0	 ("(concavenear2reflect\$2)near7soundnear2so	инарит : ри	2004/05/12
	l "	\ \Compavenediziozioce\\\ \Z\\\ iteat\\\ Dominiteat\\\ Z\\\\ iteat\\\ \Z\\\\ iteat\\\\ \Z\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	US-PGPUB;	16:03
			EPO; JPO	
_	1	(concave near2 reflect\$2) near7 sound	USPAT;	2004/05/12
		near2 source	US-PGPUB;	16:03
			EPO; JPO	
-	23	(concave near2 reflect\$2) and (sound	USPAT;	2004/05/12
		near2 source)	US-PGPUB;	16:04
		,	EPO; JPO	0004/05/10
	4	(concave near2 reflect\$2) same (sound	USPAT;	2004/05/12
		near2 source)	US-PGPUB;	16:06
_	21	dipole near2 sound near2 source	EPO; JPO USPAT;	2004/06/23
	21	dipole hearz sound hearz source	US-PGPUB;	09:53
	· .		EPO; JPO	0,3100
_	15	(vehicle near2 sound near2 amplifi\$9)	USPAT;	2004/06/23
		_ · · · · ·	US-PGPUB;	10:00
			EPO; JPO	
1	1	(dipole near2 sound near2 source) same	USPAT;	2004/06/23
		passenge\$2	US-PGPUB;	10:02
		/dimala manaa aaaaa aaaaa aaaaa aa	EPO; JPO	2004/06/22
_	1	(dipole near2 sound near2 source) and	USPAT; US-PGPUB;	2004/06/23 10:02
		passenge\$2	EPO; JPO	10.02
_	8	(dipole near2 sound near2 source) same	USPAT;	2004/06/23
	 	driver	US-PGPUB;	10:03
	1		EPO; JPO	
-	1	(dipole near2 sound near2 source) same	USPAT;	2004/06/23
		(signal near2 process\$3)	US-PGPUB;	10:04
			EPO; JPO	2004/05/22
_	10	(dipole near2 sound near2 source) and	USPAT;	2004/06/23
		(signal near2 process\$3)	US-PGPUB;	10:09
_	1	matsushita.AS. and dipole near2 source	EPO; JPO USPAT;	2004/06/24
		and vehicle	US-PGPUB;	12:46
	1		EPO; JPO	
_	0	matsushita.AS. and dipole near2 source	USPAT;	2004/06/23
		and car	US-PGPUB;	10:10
			EPO; JPO	
-	0	kakuhari.in. and dipole near2 source and	USPAT;	2004/06/23
		car	US-PGPUB;	10:10
		halinkani in an hali a	EPO; JPO	2004/06/22
_	1	kakuhari.in. and dipole near2 source	USPAT;	2004/06/23
			US-PGPUB; EPO; JPO	10:10
_	1	terai.in. and dipole near2 source	USPAT;	2004/06/23
	1	dolar.in. and alpoid hear source	US-PGPUB;	10:10
			EPO; JPO	- -
	4			l

		•		
_	1	kakubari.in. and dipole near2 source	USPAT; US-PGPUB;	2004/06/23 10:10
-	499	(700/94).CCLS.	EPO; JPO USPAT; US-PGPUB;	2004/06/23 10:11
-	О	(700/94).ccls. and dipole near2 source same passenger	EPO; JPO USPAT	2004/06/23 10:11
_	0	(700/94).ccls. and dipole near2 source	USPAT; US-PGPUB;	2004/06/23 10:11
_	О	("(dipolenear2sound)same(non-direction\$2)"	EPO; JPO) UB N AT	2004/06/23 10:56
_	0	<pre>(dipole near2 sound) same (non-direction\$2)</pre>	USPAT; US-PGPUB;	2004/06/23 10:56
-	0	(dipole near2 sound) same (non near2 direction\$2)	EPO; JPO USPAT; US-PGPUB;	2004/06/23 10:57
_	1	(dipole near2 sound) and (non near2 direction\$2)	EPO; JPO USPAT; US-PGPUB;	2004/06/23 11:02
_	5	("3104729" "3627948" "3754618" "4596034" "5764777").PN.	EPO; JPO USPAT	2004/06/23 10:59
-	1	5870484.URPN.	USPAT	2004/06/23 11:00
-	6	("5073945" "5212732" "5233664" "5828763" "5870484" "6031921").PN.	USPAT	2004/06/23 11:01
-	378	(381/300).CCLS.	USPAT; US-PGPUB; EPO; JPO	2004/06/23 11:03
-	7	(381/300).ccls. and dipole	USPAT; US-PGPUB; EPO; JPO	2004/06/23 11:04
	5	(381/\$).ccls. and dipole same vehicle	USPAT; US-PGPUB;	2004/06/23 11:06
_	2	(381/\$).ccls. and dipole and vehicle and (non near2 directional)	EPO; JPO USPAT; US-PGPUB;	2004/06/23 11:16
_	2	(381/\$).ccls. and dipole same (non near2 directional)	EPO; JPO USPAT; US-PGPUB;	2004/06/23 11:31
_	3	(381/\$).ccls. and (dipole near2 speak\$3) same bass	EPO; JPO USPAT; US-PGPUB;	2004/06/23 11:34
-	2	5212732.URPN.	EPO; JPO USPAT	2004/06/23
-	1	(381/\$).ccls. and (dipole near2 speak\$3) same subwoofer	USPAT; US-PGPUB;	11:34 2004/06/23 11:35
_	4	(381/\$).ccls. and (dipole near2 speak\$3) and subwoofer	EPO; JPO USPAT; US-PGPUB;	2004/06/23 11:54
_	808	(381/89,86).CCLS.	EPO; JPO USPAT; US-PGPUB;	2004/06/24 13:07
-	1	"5546465".PN.	EPO; JPO USPAT	2004/06/23
_	237	(381/387,389).CCLS.	USPAT; US-PGPUB;	2004/06/23 12:06
-	152	(381/302,342).CCLS.	USPAT; US-PGPUB;	2004/06/23 12:06
_	213	(381/80,82).CCLS.	EPO; JPO USPAT; US-PGPUB;	2004/06/23 12:06
_	0	(381/89,86,80,82,302,342,387,389).ccls. and dipole same (non adj directional)	EPO; JPO USPAT; US-PGPUB; EPO; JPO	2004/06/24 09:11
- - -	1 237 152 213	"5546465".PN. (381/387,389).CCLS. (381/302,342).CCLS. (381/80,82).CCLS.	US-PGPUB; EPO; JPO USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB; EPO; JPO USPAT; US-PGPUB;	13:07 2004/06/23 12:01 2004/06/23 12:06 2004/06/23 12:06 2004/06/23 12:06 2004/06/23

_	0	(381/89,86,80,82,302,342,387,389).ccls.	USPAT;	2004/06/23
		and dipole same (non-directional)	US-PGPUB;	12:08
		•	EPO; JPO	
_	1	(381/89,86,80,82,302,342,387,389).ccls.	USPAT;	2004/06/23
		and dipole and (non-directional)	US-PGPUB;	12:08
		•	EPO; JPO	
_	1	(381/89,86,80,82,302,342,387,389).ccls.	USPAT;	2004/06/23
		and dipole and (non near2 directional)	US-PGPUB;	12:08
		•	EPO; JPO	,
_	16	(381/89,86,80,82,302,342,387,389).ccls.	USPAT;	2004/06/23
		and dipole	US-PGPUB;	12:08
	•		EPO; JPO	
_	4	(381/89,86,80,82,302,342,387,389).ccls.	USPAT;	2004/06/23
	•	and dipole same (omnidirectional)	US-PGPUB;	12:12
		and alpoie same (omilaliossional)	EPO; JPO	1212
	5	(381/89,86,80,82,302,342,387,389).ccls.	USPAT;	2004/06/24
_	,	and dipole and (omnidirectional)	US-PGPUB;	09:16
		and dipole and (ommidirectionar)	EPO; JPO	05.10
	0	/201/00 06 00 02 202 242 207 200\ ccls	USPAT;	2004/06/23
_	U	(381/89,86,80,82,302,342,387,389).ccls. and DSP near2 control\$4 near2 phase	US-PGPUB;	17:29
		and per hears controled hears bhase	EPO; JPO	11.60
	^	/201/00 06 00 02 202 242 207 200\ ~~1~	-	2004/06/23
-	0	(381/89,86,80,82,302,342,387,389).ccls.	USPAT;	17:30
		and (signal near2 process\$4) near2	US-PGPUB;	17.30
	_	control\$4 near2 phase	EPO; JPO	2004/06/22
-	5	(381/89,86,80,82,302,342,387,389).ccls.	USPAT;	2004/06/23
		and (signal near2 process\$4) near2 phase	US-PGPUB;	17:30
	_ ا	/201/00 06 00 00 200 240 207 200	EPO; JPO	2004/06/22
-	0	(381/89,86,80,82,302,342,387,389).ccls.	USPAT;	2004/06/23
		and (DSP) near2 phase	US-PGPUB;	17:54
	_		EPO; JPO	0004/05/00
-	0	(DSP) near2 phase near3 speak\$3	USPAT;	2004/06/23
			US-PGPUB;	17:31
			EPO; JPO	0004/05/55
-	1	(DSP) near3 phase near3 speak\$3	USPAT;	2004/06/23
			US-PGPUB;	17:32
			EPO; JPO	
-	7	(DSP) same phase near3 speak\$3	USPAT;	2004/06/23
			US-PGPUB;	17:35
			EPO; JPO	
-	0	(DSP) and (hase near3 speak\$3)	USPAT;	2004/06/23
			US-PGPUB;	17:35
			EPO; JPO	
-	105	(DSP) and (phase near3 speak\$3)	USPAT;	2004/06/23
			US-PGPUB;	17:39
			EPO; JPO	
-	11		USPAT;	2004/06/24
		error and adder and calculat\$3	US-PGPUB;	11:42
			EPO; JPO	
-	_ 1	(DSP)same (radiation near2 detect\$4) and	USPAT;	2004/06/23
		speak\$3	US-PGPUB;	17:40
			EPO; JPO	
-	1	(DSP) same (radiation near2 detect\$4) and	USPAT;	2004/06/23
		speak\$3	US-PGPUB;	17:41
			EPO; JPO	
_	0	(DSP) same (radiation near2 sound near2	USPAT;	2004/06/23
		detect\$4)	US-PGPUB;	17:41
			EPO; JPO	
-	34	(radiation near2 sound near2 detect\$4)	USPAT;	2004/06/23
			US-PGPUB;	17:41
			EPO; JPO	
-	19	(381/89,86,80,82,302,342,387,389).ccls.	USPAT;	2004/06/25
		and (invert\$2 near2 phase)	·US-PGPUB;	16:43
			EPO; JPO	
-	4	("4790408" "5109423" "6038326"	USPAT	2004/06/24
		"6118883").PN.		09:16
-	45	(381/\$).ccls. and dipole and	USPAT;	2004/06/24
		(omnidirectional)	US-PGPUB;	09:17
			EPO; JPO	.
-	0	("(signalnear2process\$3)same(microphone)sa	m uspadr").PN	2004/06/24
	1		US-PGPUB;	09:46
			EPO; JPO	

Page 3

_	369	(signal near2 process\$3) same (microphone) same error	USPAT; US-PGPUB;	2004/06/24 11:39
-	51	(signal near2 process\$3) same (microphone) same error same add\$2	EPO; JPO USPAT; US-PGPUB;	2004/06/24 10:09
-	34	(signal near2 process\$3) same (microphone) same error same add\$2 and	EPO; JPO USPAT; US-PGPUB;	2004/06/24 09:56
-	9	speak\$2 5377276.URPN.	EPO; JPO USPAT	2004/06/24
-	· 1	"5117401".PN.	USPAT	2004/06/24 09:56
-	0	(dipole) same (control near2 speak\$2)	USPAT; US-PGPUB; EPO; JPO	2004/06/24 09:57
-	1513	(dipole) same (control)	USPAT; US-PGPUB;	2004/06/24 09:57
_	17	(dipole) same (control) same speak\$2	EPO; JPO USPAT; US-PGPUB;	2004/06/24 09:57
_	34	(signal near2 process\$3) same (microphone) same error same coefficient	EPO; JPO USPAT; US-PGPUB;	2004/06/24
-	106	(381/71.4).CCLS.	EPO; JPO USPAT; US-PGPUB;	2004/06/25 16:03
-	791	(381/182,186).CCLS.	EPO; JPO USPAT; US-PGPUB;	2004/06/24 11:01
-	19	3393764.URPN.	EPO; JPO USPAT	2004/06/24 11:15
_	8	3590942.URPN.	USPAT	2004/06/24 11:17
_	19	4472605.URPN.	USPAT	2004/06/24 11:21
_	6	("2297972" "2550359" "2832843" "2969848" "3477540" "3842203").PN. (signal near2 process\$3) same (steer\$3	USPAT USPAT;	2004/06/24 11:25 2004/06/24
		near3 speak\$3)	US-PGPUB; EPO; JPO	11:39
-	104	steer\$3 near3 speak\$3	USPAT; US-PGPUB; EPO; JPO	2004/06/24
-	29	(DSP) same (microphone) same error same phase	USPAT; US-PGPUB; EPO; JPO	2004/06/24 11:46
-	17	(DSP) same (direction\$2 near2 characteris\$5)	USPAT; US-PGPUB; EPO; JPO	2004/06/24 11:47
-	182	(DSP)and (direction\$2 near2 characteris\$5)	USPAT; US-PGPUB;	2004/06/24 11:47
-	182	(DSP) and (direction\$2 near2 characteris\$5)	EPO; JPO USPAT; US-PGPUB;	2004/06/24 11:47
-	180	(signal near2 process\$3) same (direction\$2 near2 characteris\$5)	EPO; JPO USPAT; US-PGPUB;	2004/06/24 12:45
_	o	(on adj2 vehicle) near2 amplif\$9	EPO; JPO USPAT; US-PGPUB;	2004/06/24 12:45
_	16	(on-vehicle) near2 amplif\$9	EPO; JPO USPAT; US-PGPUB;	2004/06/24 12:45
-	235	matsushita.AS. and dipole	EPO; JPO USPAT; US-PGPUB;	2004/06/24 12:47
_	15	matsushita.AS. and dipole and sound	EPO; JPO USPAT; US-PGPUB;	2004/06/24 12:55
	l		EPO; JPO	

- 1 ("5870484").PN. USPAT 2 - 5 ("3104729" "3627948" "3754618" USPAT 2	2004/06/24 12:47 2004/06/24 12:55 2004/06/24 12:55 2004/06/24 12:57 2004/06/24 12:58 2004/06/24 12:59 2004/06/24 12:59 2004/06/24 14:10
- 5 ("3104729" "3627948" "3754618" USPAT 2	12:55 2004/06/24 12:55 2004/06/24 12:57 2004/06/24 12:58 2004/06/24 12:59 2004/06/24
"4596034" "5764777").PN. 1	12:55 2004/06/24 12:57 2004/06/24 12:58 2004/06/24 12:59 2004/06/24
- 1 5870484.URPN. USPAT 2 - 6 ("5073945" "5212732" "5233664" USPAT 2 "5828763" "5870484" "6031921").PN. 1 - 19 5233664.URPN. USPAT 2	2004/06/24 12:57 2004/06/24 12:58 2004/06/24 12:59 2004/06/24
- 6 ("5073945" "5212732" "5233664" USPAT 2 "5828763" "5870484" "6031921").PN. 19 5233664.URPN. USPAT 2 1	2004/06/24 12:58 2004/06/24 12:59 2004/06/24
- 19 5233664.URPN. USPAT 2	2004/06/24 12:59 2004/06/24
	2004/06/24
"4685134" "4736333" "4933768" 1 "5095798" "5233664" "5386082"	
	2004/06/24 13:05
- 1 5812675.URPN. USPAT 2	2004/06/24 13:05
	2004/06/24 13:05
- 138 (381/89).CCLS. USPAT; 2 US-PGPUB; 1	2004/06/24 13:07
	2004/06/24 13:17
- 19 5233664.URPN. USPAT 2	2004/06/24 14:03
US-PGPUB; 1	2004/06/25 15:37
	2004/06/24 14:15
- 7 4418243.URPN. USPAT 2	2004/06/24 14:17
- 11 5105906.URPN. USPAT 2	2004/06/24 14:19
- 11 4100371.URPN. USPAT 2	2004/06/25 10:27
- 1 ("5233664").PN. USPAT; 2	2004/06/25 09:57
- 126 (381/97).CCLS. EPO; JPO USPAT; 2 US-PGPUB; 1	2004/06/25 10:12
	2004/06/25 10:20
- 4 ("3944757" "4100371" "4790408" USPAT 2	2004/06/25
- 0 dipole near2 US-4251687-A.DID. USPAT; US-PGPUB; 1	10:20 2004/06/25 10:28
US-PGPUB; 1	2004/06/25 10:28
	2004/06/25 10:28

-		0	dipole same speak\$2 same	USPAT;	2004/06/25
			US-4251687-A.DID.	US-PGPUB; EPO; JPO	10:28
<u> </u>		О	dipole same speak\$2 same	USPAT;	2004/06/25
	•	Ŭ	US-4251687-A.DID.	US-PGPUB;	10:29
				EPO; JPO	
-		4	dipole same speak\$2 same "90"	USPAT;	2004/06/25
				US-PGPUB;	16:28
		1	(#5277276#) DN	EPO; JPO USPAT;	2004/06/25
_		1	("5377276").PN.	US-PGPUB;	15:37
		:		EPO; JPO	
_		9	5377276.URPN.	USPAT	2004/06/25
					15:37
-		9	5377276.URPN.	USPAT	2004/06/25
		7	("5278780" "5337366" "5377276"	USPAT	15:55 2004/06/25
-		′	"5388160" "5586189" "5586190"	OSPAI	15:57
			"5710822").PN.		
_		168	(381/71.1).ccls.	USPAT;	2004/06/25
				US-PGPUB;	16:03
			4700400 UDDN	EPO; JPO	2004/06/25
-		11	4790408.URPN.	USPAT	2004/06/25 16:17
1_		11	4790408.URPN.	USPAT	2004/06/25
1				·	16:18
-		86	dipole and (phase near2 differen\$3 near3	USPAT;	2004/06/25
1			"90")	US-PGPUB;	16:29
		0.1	N - 1 (-1	EPO; JPO	2004/06/25
_		21	dipole same (phase near2 differen\$3 near3 "90")	USPAT; US-PGPUB;	2004/06/25 16:29
			90)	EPO; JPO	10.29
_		265	(381/89,86,80,82,302,342,387,389).ccls.and		2004/06/25
			("90")	US-PGPUB;	16:43
				EPO; JPO	
-		17	(381/89,86,80,82,302,342,387,389).ccls.and		2004/06/27 14:47
			(phase same "90")	US-PGPUB; EPO; JPO	14:47
_		15	dipole and (point near2 sound near2	USPAT;	2004/06/25
			source)	US-PGPUB;	17:00
				EPO; JPO	
-		0	dipole and (point near2 sound near2	USPAT;	2004/06/25
			source) and "1/2"	US-PGPUB; EPO; JPO	17:00
_		24	(point near2 sound near2 source) and	USPAT;	2004/06/25
1		•	"1/2"	US-PGPUB;	17:40
		•		EPO; JPO	
-		1	4460061.URPN.	USPAT	2004/06/25
1_		383	(phase near2 differen\$4) near8 "90" and	USPAT;	17:01 2004/06/25
1		303	(radiation)	US-PGPUB;	17:42
				EPO; JPO	
-		32	(phase near2 differen\$4) near8 "90" and	USPAT;	2004/06/25
			(radiation) and sound	US-PGPUB;	17:44
		0	(agoustic near) madiation means manned	EPO; JPO USPAT;	2004/06/25
-			(acoustic near2 radiation near2 plane) near8 "90"	US-PGPUB;	17:44
			1.55.17	EPO; JPO	
-		0	(acoustic) same (radiation near2 plane)	USPAT;	2004/06/25
			near8 "90"	US-PGPUB;	17:45
			(neguration game (madiation mass)	EPO; JPO	2004/06/25
-		46	(acoustic) same (radiation near2 plane)	USPAT; US-PGPUB;	2004/06/25 17:45
				EPO; JPO	_ · · · ·
-		8	(acoustic) same (radiation near2 plane)	USPAT;	2004/06/27
			same phase	US-PGPUB;	14:35
1_		1 7	4926229 HDDM	EPO; JPO USPAT	2004/06/25
-		13	4836328.URPN.	USPAT	2004/06/25 17:46
-		30	(acoustic) same (radiation near2 plane)	USPAT;	2004/06/25
			and phase	US-PGPUB;	17:48
			-	EPO; JPO	

_	5 ("3608665" "3715008" "3759345"	USPAT	2004/06/25	
	1"5253301" "5526456") DN	1	17.51	